

ECR #: P15

Tracker #: 24

Status: Ratified

Title: Correct P/S Voltage Tolerance

Release Date: September 17, 1997

Impact, Low: Documentation change to loosen requirements

Spec Version: NLX Power Supply Recommendations 1.1

Summary:

Correct the power supply voltage tolerance table.

Background:

Current industry-standard power supplies support $\pm 10\%$ tolerance on negative rails and $\pm 5\%$ on the +3.3V rail. Motherboards and option cards do not require tighter tolerance.

Change Current Specification As Shown:

In section 4.4, replace Table 4 with the following:

Table 4: Voltage Tolerances

Voltage Rail	Tolerance
+5 VDC	$\pm 5\%$
-5 VDC	$\pm 10\%$
+12 VDC	$\pm 5\%$
-12 VDC	$\pm 10\%$
+3.3 VDC	$\pm 5\%$
+5 VSB	$\pm 5\%$